

ENTERED

0360/0590  
# 6

OIIPE

## RAW SEQUENCE LISTING

DATE: 03/26/2003

PATENT APPLICATION: US/10/071,962

TIME: 11:29:33

Input Set : N:\Crf3\RULE60\10071962.RAW.txt

Output Set: N:\CRF4\03262003\J071962.raw

```

1 <110> APPLICANT: Baufu Ni
2      Bill N.C. Sun
3      Cedily R.Y. Sun
4 <120> TITLE OF INVENTION: G-CSF Receptor Agonist Antibodies and
5      Screening Method Therefor
6 <130> FILE REFERENCE: 98-3
7 <140> CURRENT APPLICATION NUMBER: US/10/071,962
8 <141> CURRENT FILING DATE: 2002-02-08
9 <150> PRIOR APPLICATION NUMBER: US/09/303,155A
10 <151> PRIOR FILING DATE: 1999-04-30
11 <150> PRIOR APPLICATION NUMBER: 60/083,575
12 <151> PRIOR FILING DATE: 1998-04-30
13 <160> NUMBER OF SEQ ID NOS: 27
14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 22
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial Sequence
20 <220> FEATURE:
21 <223> OTHER INFORMATION: Artificial primer sequence
22 <400> SEQUENCE: 1
23      aagtgggtgct atggcaaggc tg                                     22
25 <210> SEQ ID NO: 2
26 <211> LENGTH: 23
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Artificial primer sequence
31 <400> SEQUENCE: 2
32      cactccagct gtgcccaggt ctt                                     23
34 <210> SEQ ID NO: 3
35 <211> LENGTH: 37
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Artificial primer sequence
40 <400> SEQUENCE: 3
41      cccccccagc gctagcaata gcaacaagac ctggagg                     37
43 <210> SEQ ID NO: 4
44 <211> LENGTH: 29
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:

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48 <223> OTHER INFORMATION: Artificial primer sequence
49 <400> SEQUENCE: 4
50      ggaattccta gaagctcccc agcgctcc           29
52 <210> SEQ ID NO: 5
53 <211> LENGTH: 17
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Artificial primer sequence
58 <400> SEQUENCE: 5
59      aatacgactc actatag                       17
61 <210> SEQ ID NO: 6
62 <211> LENGTH: 38
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Artificial primer sequence
67 <400> SEQUENCE: 6
68      aggtcttggt gctattgcta gcgctggggg ggcccagg   38
70 <210> SEQ ID NO: 7
71 <211> LENGTH: 31
72 <212> TYPE: DNA
73 <213> ORGANISM: mouse
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Artificial primer sequence
76 <400> SEQUENCE: 7
77      atgggcwtca agatggagtc acakwyycwg g          31
79 <210> SEQ ID NO: 8
80 <211> LENGTH: 20
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Artificial primer sequence
85 <400> SEQUENCE: 8
86      actggatggt gggaagatgg                     20
88 <210> SEQ ID NO: 9
89 <211> LENGTH: 30
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Artificial primer sequence
94 <400> SEQUENCE: 9
95      atggmttggg tgtggamctt gctattcctg          30
97 <210> SEQ ID NO: 10
98 <211> LENGTH: 21
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Artificial primer sequence

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103 <400> SEQUENCE: 10
104      cagtggatag acagatgggg g                               21
106 <210> SEQ ID NO: 11
107 <211> LENGTH: 30
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Artificial primer sequence
112 <400> SEQUENCE: 11
113      atggatttwc aggtgcagat twtcagcttc                       30
115 <210> SEQ ID NO: 12
116 <211> LENGTH: 20
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Artificial primer sequence
121 <400> SEQUENCE: 12
122      actggatggg gggaagatgg                                20
124 <210> SEQ ID NO: 13
125 <211> LENGTH: 25
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Artificial primer sequence
130 <400> SEQUENCE: 13
131      atgractttg ggytcagctt grttt                            25
133 <210> SEQ ID NO: 14
134 <211> LENGTH: 21
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Artificial primer sequence
139 <400> SEQUENCE: 14
140      cagtggatag accgatgggg c                               21
142 <210> SEQ ID NO: 15
143 <211> LENGTH: 5
144 <212> TYPE: PRT
145 <213> ORGANISM: mouse
146 <400> SEQUENCE: 15
147      Asn Tyr Gly Met Asn
148      1          5
150 <210> SEQ ID NO: 16
151 <211> LENGTH: 17
152 <212> TYPE: PRT
153 <213> ORGANISM: mouse
154 <400> SEQUENCE: 16
155      Trp Ile Asn Thr Tyr Thr Gly Glu Pro Thr Tyr Ala Gly Asp Phe Lys
156      1          5          10          15
157      Gly

```

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```

159 <210> SEQ ID NO: 17
160 <211> LENGTH: 12
161 <212> TYPE: PRT
162 <213> ORGANISM: mouse
163 <400> SEQUENCE: 17
164     Glu Gly Phe Tyr Gly Gly His Pro Gly Phe Asp Tyr
165         1             5             10
167 <210> SEQ ID NO: 18
168 <211> LENGTH: 16
169 <212> TYPE: PRT
170 <213> ORGANISM: mouse
171 <400> SEQUENCE: 18
172     Lys Ser Ser Gln Ser Leu Leu Ser Ser Arg Thr Arg Lys Asn Tyr Leu
173         1             5             10             15
175 <210> SEQ ID NO: 19
176 <211> LENGTH: 7
177 <212> TYPE: PRT
178 <213> ORGANISM: mouse
179 <400> SEQUENCE: 19
180     Trp Ala Ser Thr Arg Glu Ser
181         1             5
183 <210> SEQ ID NO: 20
184 <211> LENGTH: 8
185 <212> TYPE: PRT
186 <213> ORGANISM: mouse
187 <400> SEQUENCE: 20
188     Lys Gln Ser Tyr Asn Leu Arg Thr
189         1             5
191 <210> SEQ ID NO: 21
192 <211> LENGTH: 5
193 <212> TYPE: PRT
194 <213> ORGANISM: mouse
195 <400> SEQUENCE: 21
196     Ser Tyr Ala Met Ser
197         1             5
199 <210> SEQ ID NO: 22
200 <211> LENGTH: 16
201 <212> TYPE: PRT
202 <213> ORGANISM: mouse
203 <400> SEQUENCE: 22
204     Gly Ile Ser Ser Gly Gly Ser Tyr Ser Tyr Tyr Pro Gly Thr Leu Lys
205         1             5             10             15
207 <210> SEQ ID NO: 23
208 <211> LENGTH: 11
209 <212> TYPE: PRT
210 <213> ORGANISM: mouse
211 <400> SEQUENCE: 23
212     Glu Ala Tyr Asn Asn Tyr Asp Ala Leu Asp Tyr
213         1             5             10

```

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215 <210> SEQ ID NO: 24
216 <211> LENGTH: 10
217 <212> TYPE: PRT
218 <213> ORGANISM: mouse
219 <400> SEQUENCE: 24
220      Arg Ala Ser Ser Ser Val Thr Tyr Val His
221      1          5          10
223 <210> SEQ ID NO: 25
224 <211> LENGTH: 7
225 <212> TYPE: PRT
226 <213> ORGANISM: mouse
227 <400> SEQUENCE: 25
228      Ala Thr Ser Asn Leu Ala Ser
229      1          5
231 <210> SEQ ID NO: 26
232 <211> LENGTH: 9
233 <212> TYPE: PRT
234 <213> ORGANISM: mouse
235 <400> SEQUENCE: 26
236      Gln Gln Trp Thr Ser Asn Pro Phe Thr
237      1          5
239 <210> SEQ ID NO: 27
240 <211> LENGTH: 603
241 <212> TYPE: PRT
242 <213> ORGANISM: human
243 <400> SEQUENCE: 27
244      Glu Glu Cys Gly His Ile Ser Val Ser Ala Pro Ile Val His Leu Gly
245      1          5          10          15
246      Asp Pro Ile Thr Ala Ser Cys Ile Ile Lys Gln Asn Cys Ser His Leu
247      20          25          30
248      Asp Pro Glu Pro Gln Ile Leu Trp Arg Leu Gly Ala Glu Leu Gly Pro
249      35          40          45
250      Gly Gly Arg Gln Gln Arg Leu Ser Asp Gly Thr Gln Glu Ser Ile Ile
251      50          55          60
252      Thr Leu Pro His Leu Asn His Thr Gln Ala Phe Leu Ser Cys Cys Leu
253      65          70          75          80
254      Asn Trp Gly Asn Ser Leu Gln Ile Leu Asp Gln Val Glu Leu Arg Ala
255      85          90          95
256      Gly Tyr Pro Pro Ala Ile Pro His Asn Leu Ser Cys Leu Met Asn Leu
257      100          105          110
258      Thr Thr Ser Ser Leu Ile Cys Gln Trp Glu Pro Gly Pro Glu Thr His
259      115          120          125
260      Leu Pro Thr Ser Phe Thr Leu Lys Ser Phe Lys Ser Arg Gly Asn Cys
261      130          135          140
262      Gln Thr Gln Gly Asp Ser Ile Leu Asp Cys Val Pro Lys Asp Gly Gln
263      145          150          155          160
264      Ser His Cys Cys Ile Pro Arg Lys His Leu Leu Leu Tyr Gln Asn Met
265      165          170          175
266      Gly Ile Trp Val Gln Ala Glu Asn Ala Leu Gly Thr Ser Met Ser Pro

```

**VERIFICATION SUMMARY**

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